## Claims

## What is claimed is:

1	1. A multi-composition stick product, comprising:
2	(a) a container having walls, an exterior contour, and an interior contour; and
3	(b) a molded stick composition disposed so as to contact the walls of the
4	container and be advanceable in the container, the stick composition comprising:
5	(i) a first composition; and
6	(ii) a second composition;
7	wherein the first and second compositions differ by at least one component and the
8	compositions are arranged in a predetermined non-random pattern that is reproducible.

- 2. The multi-composition stick product in accordance with claim 1, wherein the interior and exterior contours of the container are different.
- 1 3. The multi-composition stick product in accordance with claim 1, wherein the component is a medicament, colorant, fragrance, flavorant, sunscreen, preservative, conditioner, moisturizer, emollient, or surfactant.
- 1 4. The multi-composition stick product in accordance with claim 3, wherein the 2 component is a colorant.
- 5. The multi-composition stick product in accordance with claim 4, wherein the compositions form a predetermined discrete multicolor image.
- 6. The multi-composition stick product in accordance with claim 5, wherein the image is a heart; evergreen tree; ying-yang; 5-pointed star; 6-pointed star; sun; circle; half and half circle; heart with an arrow; lateral stripes; diagonal stripes (barber pole); longitudinal stripes; happy face; sad face; tree; crescent moon; cross; 4-pointed star; flower; ellipse; wave;

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- 5 lightening bolt; pinwheel; flag; lips; one or more alphanumeric letters; any other geometric shape; or any combination thereof.
- 7. The multi-composition stick product in accordance with claim 5, wherein the stick composition has a longitudinal axis and for at least a portion thereof, each cross-section perpendicular to the longitudinal axis of the composition contains the same multicolor image.
- 8. The multi-composition stick product in accordance with claim 1, wherein the stick composition is for topical application to an animal in need thereof.
- 9. The multi-composition stick product in accordance with claim 8, wherein the stick composition is lip balm, lipstick, lip gloss, sunscreen stick, or deodorant.
  - 10. The multi-composition stick product in accordance with claim 8, wherein the stick composition comprises a pharmaceutically acceptable vehicle.
  - 11. The multi-composition stick product in accordance with claim 9, wherein the stick composition further comprises a medicament, a sunscreen, a preservative, a flavorant, a fragrance, a colorant, a conditioner, a moisturizer, an emollient, a cleansing agent, an antioxidant, an antistatic agent, a stabilizer, a pH adjuster, a surfactant, or any combination thereof.
  - 12. A multi-color stick product, comprising:
- 2 (a) a container having walls; and
  - (b) a molded multi-color stick composition disposed so as to contact the walls of the container and be advanceable in the container, the stick composition comprising:
- 5 (i) a first composition; and
- 6 (ii) a second composition;
- wherein the first and second compositions differ in color and are arranged in a predetermined non-random image that is reproducible.

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- 1 13. The multi-color stick product in accordance with claim 12, wherein the stick 2 product is a lip balm.
- 1 14. A method for manufacturing a multi-composition stick product advanceable from 2 an open end of a container, the method comprising the steps of:
- inserting a mold shaft into the container;
- dispensing a first composition of stick composition into the container around the mold shaft;
- 6 removing the mold shaft from the container to form a cavity; and
  - filling at least a portion of the cavity with a second composition of stick composition, the first and second compositions differing by at least one component and being arranged in a predetermined non-random pattern that is reproducible.
  - 15. The method in accordance with claim 14, wherein the inserting step comprises inserting a portion of a first filling nozzle into the container, the first filling nozzle including a first mold shaft having a first predetermined shape and a first outer barrier disposed about at least a portion of the first mold shaft.
  - 16. The method in accordance with claim 15, wherein the dispensing step comprises dispensing the first composition of stick composition into a passageway, defined between the outer surface of the first filling nozzle and the inner surface of the first outer barrier, and into the container around the mold shaft.
- 1 17. The method in accordance with claim 16, wherein the first mold shaft is hollow.
- 1 18. The method in accordance with claim 17, wherein the filling step comprises 2 dispensing the second composition of stick composition through the first mold shaft and into 3 the container so as to fill at least a portion of the cavity.

- 1 19. The method in accordance with claim 16, wherein the first mold shaft is solid or 2 semi-hollow.
- 1 20. The method in accordance with claim 19, wherein the filling step comprises 2 dispensing, using a second filling nozzle having a second hollow mold shaft of a second 3 predetermined shape, the second composition of stick composition into the second mold shaft 4 so as to fill at least a portion of the cavity.
- 1 21. The method in accordance with claim 14, wherein the dispensing step comprises 2 dispensing the first composition of stick composition into the container around the mold shaft.
- 1 22. The method in accordance with claim 14, further comprising the step of finishing 2 the top surface of the stick composition while disposed in the container.
- 1 23. The method in accordance with claim 22, wherein said finishing step comprises 2 scraping the top surface of the stick composition with a heated scraper.
- 1 24. The method in accordance with claim 22, wherein said finishing step comprises 2 glazing the top surface of the stick composition.
- 25. The method in accordance with claim 14, wherein the component is a medicament, colorant, fragrance, flavorant, sunscreen, preservative, conditioner, moisturizer, emollient, or surfactant.
- 1 26. The method in accordance with claim 25, wherein the component is a colorant.
- 27. The method in accordance with claim 26, wherein the first and second compositions are arranged as a discrete predetermined non-random multi-color image that is reproducible.

- 28. The method in accordance with claim 27, wherein for at least a portion of the composition stick, each cross-section in a direction perpendicular to the longitudinal direction of the composition stick has the same image.
- 4 29. The method in accordance with claim 14, wherein substantially no mixing occurs 5 at the interface between the first and second compositions.
- 1 30. The method in accordance with claim 14, wherein the stick product is a lip balm.
- 1 31. The method in accordance with claim 14, wherein the dispensing step comprises 2 dispensing the first composition of stick composition onto a support tray by which the container 3 is held so that the first composition spills into the container around the mold shaft.
- 1 32. The method in accordance with claim 31, wherein the filling step comprises 2 dispensing the second composition of stick composition onto the support tray so that the second 3 composition spills into the container and fills at least a portion of the cavity.
- 1 33. The method in accordance with claim 32, wherein the removing step further comprises finishing the top surface of the first composition.
- 34. The method in accordance with claim 14, further comprising the step of removing
  excess first and second compositions from the support tray.
- 1 35. A method for manufacturing a multi-composition stick product advanceable from 2 an open end of a container, the method comprising the steps of:
- dispensing a first composition of stick composition into the container;
- 4 inserting a mold shaft into the container so as to displace the first composition
- 5 therein;
- 6 removing the mold shaft from the container to form a cavity; and

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7	filling at least a portion of the cavity with a second composition of stick
8	composition, the first and second compositions differing by at least one component and being
9	arranged in a predetermined non-random pattern that is reproducible.

- 36. A system for manufacturing a multi-composition stick product in a container having an inner contour and an outer contour, the stick product including a stick composition comprising a first composition and a second composition, the first and second compositions differing by at least one component and being arranged in a predetermined non-random pattern that is reproducible, comprising:
- 6 a filling nozzle comprising:
- 7 a mold shaft insertable into the container;
- an outer barrier disposed about at least a portion of the mold shaft so as

  to form a passageway between the outer barrier and the mold shaft for receiving the first
  composition.
- 1 37. The system in accordance with claim 36, wherein the mold shaft is solid or semi-2 hollow.
- 1 38. The system in accordance with claim 36, wherein the mold shaft is hollow.
- 1 39. The system in accordance with claim 36, wherein the inner and outer contours of 2 the container differ in shape.
- 1 40. The system in accordance with claim 36, wherein the outer barrier is a ring 2 disposed about the mold shaft.
- 1 41. The system in accordance with claim 36, wherein the mold shaft and the inner contour of the container differ in shape.

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- 1 42. The system in accordance with claim 36, wherein the mold shaft and the outer 2 barrier are of equal length in a longitudinal direction.
- 1 43. The system in accordance with claim 36, wherein the mold shaft extends beyond 2 the outer barrier in a longitudinal direction.
- 44. A system for simultaneously manufacturing a plurality of multi-composition stick products in a plurality of containers, each stick product including a stick composition comprising a first composition and a second composition, the first and second compositions differing by at least one component and being arranged in a predetermined non-random pattern that is reproducible, comprising:
  - a support tray having a plurality of holes defined therein for receiving the plural containers;
- 8 a holding member; and
  - a plurality of interchangeable filling nozzles, each filling nozzle being secured to the holding member by an associated releaseable locking member, and each filling nozzle comprising:
- a mold shaft insertable into an associated container;
  - an outer barrier disposed about at least a portion of the mold shaft so as to so as to form a passageway between the mold shaft and outer barrier for receiving the first composition.
- 1 45. The system in accordance with claim 44, wherein the releaseable locking member 2 is a pin, clip or clamp.
  - 46. A multi-composition stick product prepared by the method of claim 14.
- 47. A system for manufacturing a multi-composition stick product in a container having an inner contour and an outer contour, the stick product including a stick composition comprising a first composition and a second composition, the first and second compositions

4	being dispensed simultaneously, differing by at least one component and being arranged in a
5	predetermined non-random pattern that is reproducible, comprising:
6	a first filling nozzle for dispensing the first composition;
7	a second filling nozzle for dispensing the second composition; and
8	a securing mechanism for connecting the first and second filling nozzles, the
. 9	assembled first and second filling nozzles being insertable into the container.
1	48. A method for manufacturing a multi-composition stick product using the system
2	in claim 47, wherein said filling nozzles and said container are rotated independently of one
3	another.
1	49. A system for manufacturing a multi-composition stick product advanceable from
2	a container, comprising:
3	a cork screw shaped mold shaft adapted so as to be received in said container.
1	50. A method for manufacturing a multi-composition stick product advanceable from
2	a container having an inner contour, comprising the steps of:
3	inserting a cork screw shaped mold shaft into the container, said mold shaft
4	including a plurality of spiral revolutions;
5	dispensing a first composition of stick composition into the container between
6	the spiral revolutions of the mold shaft;
7	rotating while removing the mold shaft from the container to form a spiral cavity
8	about a perimeter of the inner contour of the container; and
9	filling at least a portion of the spiral cavity with a second composition of stick
10	composition, the first and second compositions differing by at least one component and being

arranged in a predetermined non-random pattern that is reproducible.